

AC Adaptor  
NV-B11

# Operating Instructions



 **National**

Before attempting to connect, operate or adjust this product, please read these instructions completely.

VQT0999

This unit is an AC adaptor for the NV-100 Portable Video Recorder: for a power supply to the recorder and the colour video camera, and for recharging of the battery pack.

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**CAUTION:** This unit is for use with video tape recorder, model NV-100.

**WARNING:** To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

Rating plate is on the bottom side of the unit.

## FEATURES

### 1. TV/VTR Switch

When the VTR and the TV set are connected to this unit, TV/VTR switch enables you to watch TV normally or to view playback of video recording.

### 2. Simultaneous power supply

This unit supplies power to the colour camera through the recorder NV-100.

### 3. Voltage selector

This unit can also be used in other countries where voltages are different (110, 120, 220, 240 V AC: NV-B11-A), (220, 240 V AC: NV-B11-BA) by setting the voltage selector to the local voltage.

### 4. Battery pack can be recharged in 90 minutes. Simultaneous charging.

A battery pack in the battery compartment on the unit can be charged while at the same charging the battery pack in the recorder.

## FOR YOUR SAFETY

### ■ DO NOT REMOVE PANEL COVER BY UNSCREWING.

To prevent electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

### ■ VOLTAGE SELECTOR SETTING.

Before plugging in the unit, ensure that the voltage selector is set to the same voltage as your local power supply. Refer to page 4.

#### NV-B11-A:

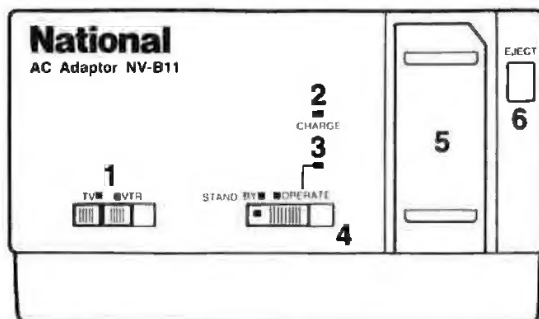
### ■ FOR YOUR SAFETY

Install any external aerial to AS 1417. 1.

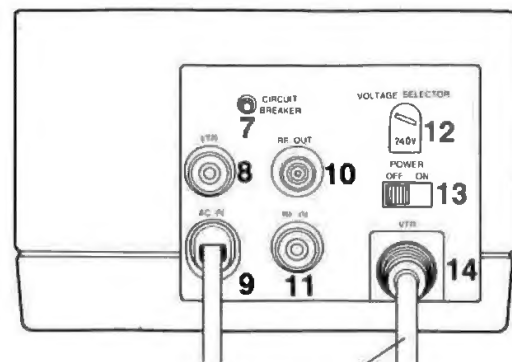
## PRECAUTIONS

- Do not block or cover the ventilation slots on the top, side, and bottom of the unit, especially by soft material such as cloth or paper.
- Do not use the unit for any other purpose.
- Be sure to recharge the battery pack soon after use and recharge it once every 6 months even if it is not used.
- This unit has special circuitry to prevent overcharging, but do avoid recharging the battery pack for more than 24 hours. And, don't leave it in a discharged condition.
- Do not recharge the battery pack near flammable materials. Store the battery pack in a dark, dry and cool place.
- Overcharging will shorten the battery pack's life. Do not continue charging for more than it is necessary.
- The useful operation time of the Battery Pack will gradually decrease after repeated use and recharging. The Battery Pack is no longer serviceable if the operation time is too short even after a sufficient charge.

## FRONT



## REAR



## FUNCTION OF CONTROLS

### FRONT

#### 1. TV/VTR switch

VTR—To watch playback of video recording  
TV— To watch TV normally

#### 2. Charging Indicator Lamp

Lights up during charging of the battery pack, and extinguishes when charging is complete.  
Please refer to page 6.

#### 3. Pilot Lamp

When the Operation Switch is turned to "OPER-ATE" position, this lamp lights up.

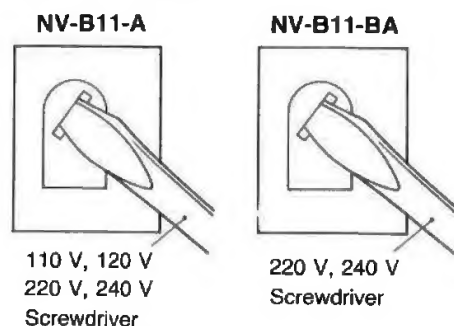
4. **Operation Switch**  
Set to "OPERATE" to turn the unit on.
5. **Battery Compartment**  
When the battery pack is to be charged, insert it to this compartment.
6. **Battery Eject Button**  
When the Eject Button pushed, the battery pack is ejected.

## REAR

7. **Circuit Breaker Button**  
The ADAPTOR Cable terminal will short-circuit if the terminal is mistakenly placed in contact with any conductive object other than the ADAPTOR terminal while the power cord is plugged in. The protective circuit will operate to break the circuit at this time, button will stick out and the Pilot Lamp will go off. To restore the unit to normal operation, connect the ADAPTOR Cable to the ADAPTOR terminal, wait one or two minutes, then depress this button.
8. **VTR Terminal**  
Connect it to RF OUT of the recorder.
9. **Power Cord**  
For connection to an ordinary power source.
10. **RF OUT Terminal**  
Connect it to TV.
11. **RF IN Terminal**  
Connect it to an aerial.

## 12. Voltage Selector

Ensure that the selector is set at the same indication as the local mains voltage before plugging in the unit.



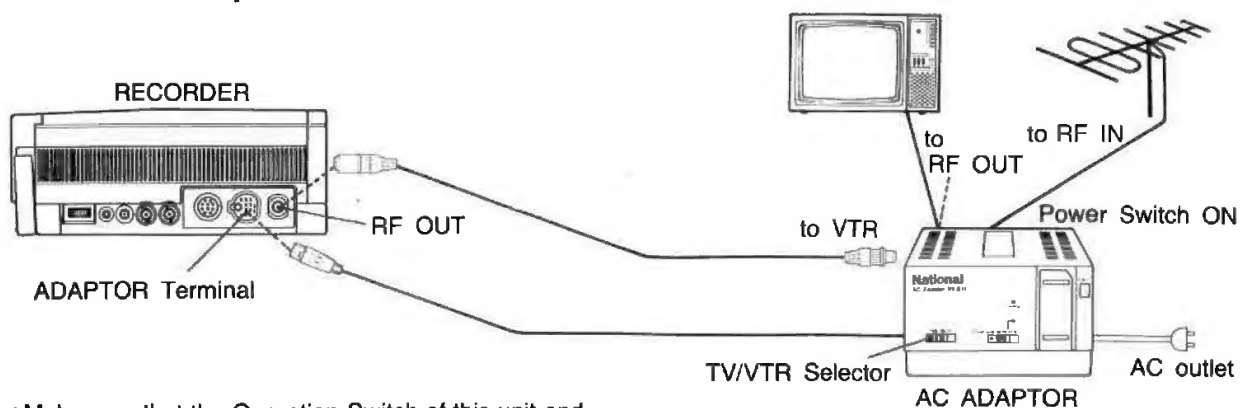
### Note:

Power Switch must be off and Power Cord disconnected from mains prior to changing the voltage selector.

13. **POWER OFF/ON Switch**  
Switching on applies power to the unit. To switch off this unit completely, set to "OFF".
14. **ADAPTOR Cable**  
Connect it to ADAPTOR Terminal of the recorder.

# OPERATION

## ■ To use as a power source



● Make sure that the Operation Switch of this unit and of the recorder are off, and that the Voltage Selector is adjusted to your local voltage.

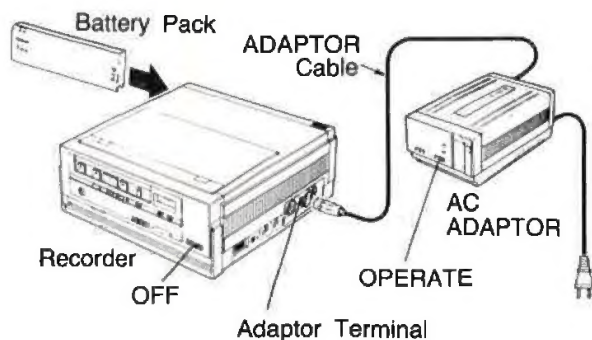
1. Connect the DIN RF Cable to RF OUT of the recorder and VTR of the unit.
2. Connect the ADAPTOR Cable to ADAPTOR Terminal of the recorder.
3. Plug in the unit.
4. Switch Power OFF/ON to "ON".
5. Set the Operation Switch to "OPERATE". The Pilot Lamp will light up to indicate that the preparations for power supply are completed.

6. Set the TV/VTR Switch to "VTR" to view playback of video recording. Set the TV/VTR switch to "TV" to watch TV normally.

● When the Operation Switch is set to "STANDBY", "TV" mode is automatically selected.

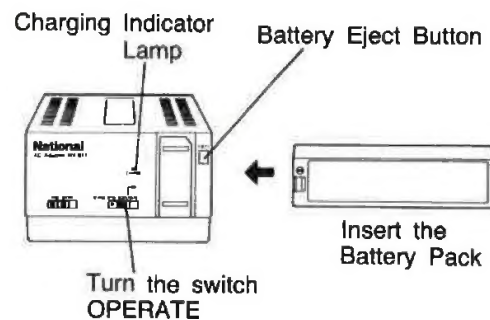
# BATTERY CHARGING

## 1. To charge the battery pack of the recorder.



1. Insert the battery pack into the recorder and connect the ADAPTOR Cable on the unit to ADAPTOR Terminal.
  2. Turn the unit on.
  3. The Charging Indicator Lamp will light up and charging of the battery pack in the recorder will start.
- The charge display lamp goes off about 90 minutes after charging started. It is recommended that the charging time be extended to 3 hours in order to prolong the service life of the battery pack.
  - If the recorder is turned on during recharging, recharging will stop and the Charging Indicator Lamp will go off.

## 2. Charging the battery pack in the battery compartment.



1. Insert the battery pack to the battery compartment.
2. Turn the unit on, and charging will start.

The recharging time for two battery packs (one in the recorder and one being recharged in the AC ADAPTOR at the same time) is about twice the time required for one battery pack.

## SPECIFICATIONS

### NV-B11-A, BA

**Power Source:** NV-B11-A: AC 110, 120, 220, 240 V, 50-60 Hz  
NV-B11-BA: AC 220, 240 V, 50-60 Hz

**Power Consumption:** 50 watts

**DC Output:** DC 12 V 1.6A,  
DC 20 V 0.3A

**Weight:** 2.6 kg

**Dimensions:** 146(W)×95 (H)×250 (D) mm

Weight and dimensions shown are approximate.  
Specifications are subject to change without notice.

**Matsushita Electric Trading Co., Ltd.**

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